20. Other items or information:

LAPT NEC'OPCTIPTO 28 APR 2006

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER NL 031322 DESIGNATED/ELECTED OFFICE (DO/EO/US)

| CONCERNING A SUBMISSIO | U.S. APPEICATION NO LIT known see 37 CFR 1.5) | | | | | | |
|--|--|----------------|--|--|--|--|--|
| INTERNATIONAL APPLICATION NO. PCT/IB2004/052259 | | | | | | | |
| TITLE OF INVENTION METHOD AND DEVICE FOR EFFICIENT MULTIPARTY MULTIPLICATION | | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | | |
| Pim Theo TUYLS; Berry SCHOENMAKERS Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | |
| 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 2. This is a SECOND or SUBSEQUENT s | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | |
| 4. The US has been elected (Article 31). | The US has been elected (Article 31). | | | | | | |
| 5. A copy of the International Application | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | |
| a. is attached hereto (required | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | |
| b. 🚺 has been communicated by | b. 🚺 has been communicated by the International Bureau. | | | | | | |
| c. is not required, as the applic | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | |
| 6. An English language translation of the | e International Application as filed (35 U.S.G | C. 371(c)(2)). | | | | | |
| a. is attached hereto. | a. is attached hereto. | | | | | | |
| b. has been previously submit | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | |
| 7. Amendments to the claims of the Inte | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | |
| a. are attached hereto (requi | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | |
| b. have been communicated | b. have been communicated by the International Bureau. | | | | | | |
| c. have not been made; how | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | |
| d. 🗹 have not been made and v | d. Aave not been made and will not be made. | | | | | | |
| 8. An English language translation of th | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. An oath or declaration of the inventor | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)). | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | | |
| 11. An Information Disclosure Statement | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. An assignment document for recording | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. A preliminary amendment. | A preliminary amendment. | | | | | | |
| 14. An Application Data Sheet under 37 (| An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. A substitute specification. | A substitute specification. | | | | | | |
| 16. 🗹 A power of attorney and/or change of | A power of attorney and/or change of address letter. | | | | | | |
| 17. A computer-readable form of the sequ | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | |
| 18. A second copy of the published Interr | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19. A second copy of the English language | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | |
| Express M | Express Mail Certificate; PTO/SB/96; Receipt Confirmation Postcard | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (if known see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/IB2004/052259 | | | | | ATTORNEY'S DOCKET NUMBER NL 031322 | |
|--|--|-----------------|---|----------------|---------------------------------------|-----------|
| The following fees have been submitted | | | CALCULATIONS | PTO USE ONLY | | |
| 21. A Basic national fee\$300 | | | | | \$ 300.00 | |
| 22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | \$ 200.00 | |
| 23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | | \$ 400.00 | |
| TOTAL OF 21, 22 and 23 = | | | | | \$ 900.00 | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | | additional 50 or fraction p to a whole number) | RATE | | |
| - 100 = | /50 = | | | × \$250 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | | \$ | |
| CLAIMS | NUMB | ER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 9 | - 20 = | | x \$ 50 | \$ 0.00 | |
| Independent clair | ns 1 | - 3 = | | × \$200 | \$ 0.00 | |
| MULTIPLE DEPE | NDENT CLAIM(S | (if applicable) | | + \$360 | \$ | |
| | | | TOTAL OF ABOVE | CALCULATIONS = | \$ 0.00 | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | |
| SUBTOTAL = | | | | | \$ 900.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | \$ | | | |
| TOTAL NATIONAL FEE = | | | | \$ 900.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | \$ 40.00 | |
| TOTAL FEES ENCLOSED = | | | EES ENCLOSED = | \$ 940.00 | | |
| | | | Amount to be refunded: | \$ | | |
| | • | | | | Amount to be charged: | \$ 940.00 |
| a. A check in the amount of \$ to cover the above fees is enclosed. | | | | | | |
| b. Please charge my Deposit Account No. 14-1270 in the amount of \$ 940.00 to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1270 . A duplicate copy of this sheet is enclosed. | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | |
| Corporate Patent Counsel | | | | | | |
| | Philips Electronics North America Corporation Steven Petersen | | | | | |
| P O Box 3001 | | | | | | |
| Bri | Briarcliff Manor, NY 10510 31,287 REGISTRATION NUMBER | | | | | |

10/577**757**IAP17 Rec'd PCT/PTO 28 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

TUYLS

NL 031322

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

METHOD AND DEVICE FOR EFFICIENT MULTIPARTY MULTIPLICATION

| | CERTIFICATE OF EXPRESS MAILING | | | |
|--|---|--|--|--|
| [X] Express Mail Mailin | | | | |
| | EV746 349 485-45 | | | |
| Date of Deposit: | 4-28-06 | | | |
| | s paper and/or fee is being deposited with the United States Postal | | | |
| Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO Box, 1450, Alexandria, | | | | |
| VA 22313-1450 | | | | |
| Jeanne Rusciano | Jeanne Kusaan | | | |
| Typed Name | Signature / | | | |